

DD/S&T# 177-68

ADM - 12.7

OEL 358-68

1 MAY 1968

MEMORANDUM FOR: Division Chiefs and Staff,
Office of ELINT

SUBJECT: Guidelines for OEL FY 1969 R&D Program

25X1A REFERENCE: [REDACTED] Subject: Coordination of RDT&E

1. PHILOSOPHY

The following guidance is offered to you for the preparation of your portion of the FY 1969 R&D Program. Deviations from these guidelines may be necessary, but these situations are expected to be rare.

a. OEL is collection oriented for a purpose. Our principal reason for existence is to obtain electronic signal information for weapons system evaluation and countermeasure development purposes.

b. OEL emphasis will be placed on developments, not research. Funded programs must have a definite end-use with a corresponding scheduled application date. Support for tasks whose end product is largely categorized as additional knowledge will be critically screened for the possibility of requesting action by ORD. Studies leading toward systems development will normally be OEL program material.

c. The analysis of signal data for ELINT purposes and for the development of electronic warfare systems represents OEL's primary use of collected data. Tasks affecting our analysis capability should be presented in context with present and planned ELINT data flow.

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d. System Product Improvement Programs will be closely screened. The system improvements for the [REDACTED] system and for the various ground sites will be judged by the degree of improvement in collection capability which could be expected from the proposed program.

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e. OEL must maintain the ability to react immediately to new threat signals. A careful cataloguing of useful approaches to signal collection as new techniques become available would permit OEL to respond to new collection requirements.

2. FY 1969 R&D REVIEW

The management review of your proposed R&D program will be centered specifically around the following criteria:

a. A concept for operational employment. The ultimate end-use for the proposed development or study must be clearly described.

b. Knowledge of current capability. A description of the operational collection or analysis capability now on hand will be required, together with a listing of presently available equipment. Included also must be knowledge of related activities on the part of other offices or agencies.

c. Proposed tasks centered on the critical elements in obtaining system collection capability. It must be shown that funding of the proposed tasks will allow the technical achievement of the collection capability as its goal.

d. The priority nature of the proposed task described. The proposed task must be placed in context with other OEL collection capabilities in order to obtain a time correlation of the end product with other associated efforts.

e. The impact on the collection picture with and without the benefits of the proposed work. This statement will provide a measure of the need for funding the proposed task, as it relates to other OEL program options.

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f. Reconciliation with present program documentation. Supporting rationale for changes in previously documented plans must be submitted for transition purposes.

4. CONSULTATION WITH DD/S&T OFFICES

The DD/OEL will initiate discussions with OSI, FMSAC, and OSA to obtain an assessment of the usefulness of the products from the proposed OEL development tasks with FY 1969 funding. Division and staff participation is expected during these sessions. In addition, a briefing to ORD is planned as soon as appropriate after the overall OEL program has been firmed, and suggested tasks for ORD have been outlined. Separate discussions with JDP will be scheduled.

5. IMPLEMENTATION

Joint division and staff planning sessions will be conducted under the guidance of the Deputy Director, OEL, to assure inter-division knowledge of OEL programs, and to assist in deriving a firm, productive development program for FY 1969. In view of the restrictive FY 69 funding allocation to OEL, careful attention to the selection of supportable tasks is mandatory.

6. The initial review of your FY 69 RDT&E submission will be conducted by the DD/OEL by close of business 17 May 1968 in the Situation Room.

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GEORGE C. MILLER
Director of ELINT
DD/S&T

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